



Description of the device

The Servo Controlled Voltage Stabilizers constantly monitors the output voltage and controls the variations in the output voltage by movements of a motor. This motor in turn selects the proper output voltage on the variable transformer (variac).

Controls and stabilizes:

- Output Voltage regulation $\pm 1\%$ of voltage setpoint.
- The operation principle is electronic-mechanical reason why it does not alter to the frequency nor the waveform of the power provision.
- The microcontroller controls a motor that is the one in charge to vary the position of the axis of a variable autotransformer to be able to always maintain the output voltage in the setpoint value.
- It is able to control equipment of consumptions of up to **7 Amperes** in this model.

Setpoint:

- **Output Voltage:** Form display LCD you can set the output voltage.

Technical characteristics

- Output Voltage: from **40 Vca to 245 Vca**.
- Regulation: $\pm 1V$.
- Maximum load: **25 Aca**.
- Totally controlled by microcontroller.
- Setpoint of output voltage .
- Without steps in the output voltage.
- With Display LCD to view:
 - **Output Voltage:** Stabilized Voltage.
 - **Voltage set.**
- User Manual.
- Power supply: **220Vca / 50Hz**.
- Dimensions: 330 x 350 x 250(h) mm. Aprox.
- Weight: **68Kg**.
- Calibration report.